

IN THE CLAIMS:

1. (Previously presented) A method for integrating a user resource into a managed computing resource system, the method comprising:

determining a level of data privacy associated with a user of the user resource;
responsive to the level of data privacy indicating a first level of dedicated computing resources, integrating the user resource into a first logical design that includes a shared regional infrastructure management (RIM) device, wherein the shared RIM device is shared between multiple user resources;

responsive to the level of data privacy indicating a second level of dedicated computing resources, integrating the user resource into a second logical design that includes a dedicated RIM device, wherein the dedicated RIM device is dedicated for use only by the user resource;

responsive to the user failing to require any level of data privacy, determining if the user resource has at least one associated unique Internet protocol (IP) address;

responsive to the user resource failing to have the at least one associated unique IP address, integrating the user resource into the first logical design;

responsive to the user resource having the at least one associated unique IP address, determining if the user resource utilizes a predefined percentage of a capacity of a point of deployment (POD) device; and

responsive to the user resource utilizing the predefined percentage of the capacity of the POD device, integrating the user resource into a third logical design that includes at least one shared hub, the shared RIM device, a shared spoke device, and a dedicated point of deployment (POD) device.

2. (Previously presented) The method of claim 1, wherein the shared RIM device or the dedicated RIM device is coupled to a spoke device.

3. (Canceled)

4. (Previously presented) The method of claim 2, further comprising:
providing a secondary RIM device;
in case of a failure in the shared RIM device or the dedicated RIM device,
connecting the spoke to the secondary RIM device; and
employing the secondary RIM device to take over one or more functions of the
shared RIM device or the dedicated RIM device.
- 5-8. (Canceled)
9. (Previously presented) The method of claim 1, further comprising:
distributing software via a hub master software package library in a shared hub to
at least one of a RIM software repository in the shared RIM device, a RIM software
repository in the dedicated RIM device, or a point of deployment (POD) software cache
in the POD device, wherein the software is distributed to the RIM software repository in
the shared RIM device or the dedicated RIM device via the hub master software package
library and wherein the software is distributed to the POD software cache in the POD
device via the RIM software repository.
10. (Previously presented) The method of claim 9, further comprising:
distributing the software via a spoke software distribution host in a spoke device.
11. (Previously presented) The method of claim 10, further comprising:
in case of a failure of the RIM software repository, initiating software distribution
to the POD software cache via the spoke software distribution host.
- 12-37. (Canceled)
38. (Previously presented) The method of claim 1, wherein the first logical design
and the second logical design include at least one shared hub, a dedicated spoke device,
and the dedicated POD device, wherein the dedicated spoke device and the dedicated
POD device are dedicated for use only by the user resource.

39. (Previously presented) The method of claim 1, further comprising:
responsive to the level of data privacy indicating a third level of dedicated computing resources, integrating the user resource into a fourth logical design that includes at least one shared hub, a isolated and dedicated RIM device, a dedicated spoke device, and the dedicated POD device, wherein the isolated and dedicated RIM device is dedicated to the customer resource and isolated from communication with other RIM devices.

40-41. (Canceled)

42. (Previously presented) The method of claim 1, further comprising:
responsive to the user resource failing to utilize the predefined percentage of the capacity of the POD device, determining if the user associated with the user resource requires hardware isolation; and

responsive to the user requiring hardware isolation, integrating the user resource into the third logical design.

43. (Previously presented) The method of claim 42, wherein the user resource is a plurality of user resources and further comprising:

responsive to the user failing to require hardware isolation, determining if the plurality of user resources are in multiple locations; and

responsive to the plurality of user resources being in the multiple locations, integrating the user resource into a fourth logical design that includes the at least one shared hub, the shared RIM device, at least one shared spoke device, and at least one shared POD device.

44. (Previously presented) The method of claim 42, wherein the user resource is a plurality of user resources and further comprising:

responsive to the user failing to require hardware isolation, determining if the plurality of user resources are in multiple locations; and

responsive to the plurality of user resources failing to be in the multiple locations, integrating the user resource into a fourth logical design that includes the at least one shared hub, the shared RIM device, the shared spoke device, and a shared POD device.

45-62. (Canceled)